

anti-Human CD105 Monoclonal Antibody | anti-CD105 antibody

CD105 Rabbit mAb

CATALOG # AAA314516	HOST Recombinant Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CD105; Monoclonal Antibody; CD105 Rabbit mAb; END; Endoglin; Eng; HHT1; ORW; ORW1; SN6; anti-CD105 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	S05-3H7
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-CD105 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CD105
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of CD105 in paraffin-embedded Human lung cancer tissue using CD105 Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of CD105 in HeLa, A549 cell lysates using CD105 Rabbit mAb(1:1000 diluted). Predicted band size: 71kDa. Observed band size: 95kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CD105 antibody

This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This protein is a component of the transforming growth factor beta receptor complex and it binds to the beta1 and beta3 peptides with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia. This gene may also be involved in preeclampsia and several types of cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2013]

Product Categories/Family for anti-CD105 antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557555
NCBI GeneID	2022
NCBI Accession #	NP_000109.1
NCBI GenBank Nucleotide #	NM_000118.2
UniProt Accession #	P17813; Q14248; Q14926; Q5T9C0
Molecular Weight	70,578 Da
NCBI Official Full Name	endoglin isoform 2
NCBI Official Synonym Full Names	endoglin
NCBI Official Symbol	ENG
NCBI Official Synonym Symbols	END; ORW; HHT1; ORW1; CD105
NCBI Protein Information	endoglin; CD105 antigen
UniProt Protein Name	Endoglin
UniProt Gene Name	ENG
UniProt Synonym Gene Names	END
UniProt Entry Name	EGLN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd105-antibody-clone-s05-3h7-immunohistochemistry-western-blot-elisa/314516>